

TITLE  
FRUCTAN BIOSYNTHETIC ENZYMES  
ABSTRACT OF THE DISCLOSURE

This invention relates to isolated nucleic acid fragments encoding  
5 fructosyltransferases. More specifically, this invention relates to polynucleotides  
encoding 1-FFTs, 6-SFTs, or 1-SSTs. The invention also relates to the construction  
of a recombinant DNA constructs encoding all or a portion of the  
fructosyltransferases, in sense or antisense orientation, wherein expression of the  
recombinant DNA construct results in production of altered levels of the  
10 fructosyltransferases in a transformed host cell.

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